

Table 1 (mouse gene: Myc; human gene MYC)

Mouse genomic sequence (SEQ ID NO: 1)

Mouse mRNA sequence (SEQ ID NO: 2)

Mouse coding sequence (SEQ ID NO: 3)

Human genomic sequence (SEQ ID NO: 4)

Group 1

Human mRNA sequence (SEQ ID NO: 5)
Human coding sequence (SEQ ID NO: 6) *Group 2*

Table 2 (mouse gene Bach2; human gene BACH2)

Mouse genomic sequence (SEQ ID NO: 7)

Mouse mRNA sequence (SEQ ID NO: 8)

Mouse coding sequence (SEQ ID NO: 9)

Group 3

Human genomic sequence (SEQ ID NO: 10)

Human mRNA sequence (SEQ ID NO: 11)

Human coding sequence (SEQ ID NO: 12) *Group 4*

Table 3 (mouse gene Wnt1; human gene WNT1)

Mouse genomic sequence (SEQ ID NO: 13)

Mouse mRNA sequence (SEQ ID NO: 14)

Mouse coding sequence (SEQ ID NO: 15)

Group 5

Human genomic sequence (SEQ ID NO: 16)

Human mRNA sequence (SEQ ID NO: 17)

Human coding sequence (SEQ ID NO: 18) *Group 6*

Table 4 (mouse gene Rasgrp1; human gene: RASGRP1)

Mouse genomic sequence (SEQ ID NO: 19)

Mouse mRNA sequence (SEQ ID NO: 20)

Mouse coding sequence (SEQ ID NO: 21)

Group 7

Human genomic sequence (SEQ ID NO: 22)

Human mRNA sequence (SEQ ID NO: 23)

Human coding sequence (SEQ ID NO: 24) *Group 8*

Table 5 (mouse gene: Nmyc1; human gene: MYCN)

Mouse genomic sequence (SEQ ID NO: 25)

Mouse mRNA sequence (SEQ ID NO: 26)

Mouse coding sequence (SEQ ID NO: 27)

Group 9

Human genomic sequence (SEQ ID NO: 28)

Human mRNA sequence (SEQ ID NO: 29)

Human coding sequence (SEQ ID NO: 30) *Group 10*

Table 6 (mouse gene: Myb; human gene: MYB)

Mouse genomic sequence (SEQ ID NO: 31)

Mouse mRNA sequence (SEQ ID NO: 32)

Mouse coding sequence (SEQ ID NO: 33)

Group 11

Human genomic sequence (SEQ ID NO: 34)

Human mRNA sequence (SEQ ID NO: 35)

Human coding sequence (SEQ ID NO: 36) *Group 12*

Table 7 (mouse gene: Sox4; human gene: SOX4)

Mouse genomic sequence (SEQ ID NO: 37)

	Mouse mRNA sequence (SEQ ID NO: 38)	<i>Group 13</i>
	Mouse coding sequence (SEQ ID NO: 39)	
	Human genomic sequence (SEQ ID NO: 40)	
	Human mRNA sequence (SEQ ID NO: 41)	<i>Group 14</i>
5	Human coding sequence (SEQ ID NO: 42)	
	Table 8 (mouse gene: Tcof1; human gene: TCOF1)	
	Mouse genomic sequence (SEQ ID NO: 43)	
	Mouse mRNA sequence (SEQ ID NO: 44)	<i>Group 15</i>
	Mouse coding sequence (SEQ ID NO: 45)	
10	Human genomic sequence (SEQ ID NO: 46)	
	Human mRNA sequence (SEQ ID NO: 47)	<i>Group 16</i>
	Human coding sequence (SEQ ID NO: 48)	
	Table 9 (mouse gene: Pim1; human gene: PIM1)	
	Mouse genomic sequence (SEQ ID NO: 49)	
	Mouse mRNA sequence (SEQ ID NO: 50)	<i>Group 17</i>
	Mouse coding sequence (SEQ ID NO: 51)	
	Human genomic sequence (SEQ ID NO: 52)	
	Human mRNA sequence (SEQ ID NO: 53)	<i>Group 18</i>
	Human coding sequence (SEQ ID NO: 54)	
20	Table 10 (mouse gene: Wnt3a; human gene: WNT3A)	
	Mouse genomic sequence (SEQ ID NO: 55)	
	Mouse mRNA sequence (SEQ ID NO: 56)	<i>Group 19</i>
	Mouse coding sequence (SEQ ID NO: 57)	
	Human genomic sequence (SEQ ID NO: 58)	
25	Human mRNA sequence (SEQ ID NO: 59)	<i>Group 20</i>
	Human coding sequence (SEQ ID NO: 60)	
	Table 11 (mouse gene: Ly6e; human gene LY6E)	
	Mouse genomic sequence (SEQ ID NO: 61)	
	Mouse mRNA sequence (SEQ ID NO: 62)	<i>Group 21</i>
30	Mouse coding sequence (SEQ ID NO: 63)	
	Human genomic sequence (SEQ ID NO: 64)	
	Human mRNA sequence (SEQ ID NO: 65)	<i>Group 22</i>
	Human coding sequence (SEQ ID NO: 66)	
	Table 12 (mouse gene: Rasa2; human gene RASA2)	
35	Mouse genomic sequence (SEQ ID NO: 67)	
	Mouse mRNA sequence (SEQ ID NO: 68)	<i>Group 23</i>
	Mouse coding sequence (SEQ ID NO: 69)	
	Human genomic sequence (SEQ ID NO: 70)	
	Human mRNA sequence (SEQ ID NO: 71)	<i>Group 24</i>
40	Human coding sequence (SEQ ID NO: 72)	

Table 13 (mouse gene: Gata1; human gene GATA1)

Mouse genomic sequence (SEQ ID NO: 73)

Mouse mRNA sequence (SEQ ID NO: 74)

Mouse coding sequence (SEQ ID NO: 75)

Group 25

5 Human genomic sequence (SEQ ID NO: 76)

Human mRNA sequence (SEQ ID NO: 77)

Human coding sequence (SEQ ID NO: 78)

Group 26

Table 14 (mouse gene: Fkbp5; human gene FKBP5)

Mouse genomic sequence (SEQ ID NO: 79)

10 Mouse mRNA sequence (SEQ ID NO: 80)

Group 27

Mouse coding sequence (SEQ ID NO: 81)

Human genomic sequence (SEQ ID NO: 82)

Human mRNA sequence (SEQ ID NO: 83)

Group 28

Human coding sequence (SEQ ID NO: 84)

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Table 15 (mouse gene: Rel; human gene REL)

Mouse genomic sequence (SEQ ID NO: 85)

Mouse mRNA sequence (SEQ ID NO: 86)

Group 29

Mouse coding sequence (SEQ ID NO: 87)

Human genomic sequence (SEQ ID NO: 88)

20 Human mRNA sequence (SEQ ID NO: 89)

Group 30

Human coding sequence (SEQ ID NO: 90)

Table 16 (mouse gene: Icsbp; human gene ICSBP1)

Mouse genomic sequence (SEQ ID NO: 91)

Group 31

Mouse mRNA sequence (SEQ ID NO: 92)

Mouse coding sequence (SEQ ID NO: 93)

Human genomic sequence (SEQ ID NO: 94)

25 Human mRNA sequence (SEQ ID NO: 95)

Group 32

Human coding sequence (SEQ ID NO: 96)

Table 17 (mouse gene: Bmi1; human gene BMI1)

30 Mouse genomic sequence (SEQ ID NO: 97)

Group 33

Mouse mRNA sequence (SEQ ID NO: 98)

Mouse coding sequence (SEQ ID NO: 99)

Human genomic sequence (SEQ ID NO: 100)

Group 34

Human mRNA sequence (SEQ ID NO: 101)

35 Human coding sequence (SEQ ID NO: 102)

Table 18 (mouse gene: Runx1; human gene RUNX1)

Mouse genomic sequence (SEQ ID NO: 103)

Group 35

Mouse mRNA sequence (SEQ ID NO: 104)

Mouse coding sequence (SEQ ID NO: 105)

40 Human genomic sequence (SEQ ID NO: 106)

Human mRNA sequence (SEQ ID NO: 107) Group 36
Human coding sequence (SEQ ID NO: 108)

Table 19 (mouse gene: Il2ra; human gene IL2RA)

Mouse genomic sequence (SEQ ID NO: 109) Group 37
Mouse mRNA sequence (SEQ ID NO: 110)

Mouse coding sequence (SEQ ID NO: 111)

Human genomic sequence (SEQ ID NO: 112)

Human mRNA sequence (SEQ ID NO: 113) Group 38
Human coding sequence (SEQ ID NO: 114)

10 Table 20 (mouse gene: Nfkbia; human gene NFKB1)

Mouse genomic sequence (SEQ ID NO: 115) Group 39
Mouse mRNA sequence (SEQ ID NO: 116)

Mouse coding sequence (SEQ ID NO: 117)

Human genomic sequence (SEQ ID NO: 118)

Human mRNA sequence (SEQ ID NO: 119) Group 40
Human coding sequence (SEQ ID NO: 120)

Table 21 (mouse gene: Fyn; human gene FYN)

Mouse genomic sequence (SEQ ID NO: 121) Group 41
Mouse mRNA sequence (SEQ ID NO: 122)

Mouse coding sequence (SEQ ID NO: 123)

Human genomic sequence (SEQ ID NO: 124)

Human mRNA sequence (SEQ ID NO: 125) Group 42
Human coding sequence (SEQ ID NO: 126)

Table 22 (mouse gene: Nfkbia1; human gene NFKBIL1)

Mouse genomic sequence (SEQ ID NO: 127) Group 43
Mouse mRNA sequence (SEQ ID NO: 128)

Mouse coding sequence (SEQ ID NO: 129)

Human genomic sequence (SEQ ID NO: 130)

Human mRNA sequence (SEQ ID NO: 131) Group 44
Human coding sequence (SEQ ID NO: 132)

Table 23 (mouse gene: Flt3; human gene FLT3)

Mouse genomic sequence (SEQ ID NO: 133) Group 45
Mouse mRNA sequence (SEQ ID NO: 134)

Mouse coding sequence (SEQ ID NO: 135)

Human genomic sequence (SEQ ID NO: 136)

Human mRNA sequence (SEQ ID NO: 137) Group 46
Human coding sequence (SEQ ID NO: 138)

Table 24 (mouse gene: Dntt; human gene DNTT)

Mouse genomic sequence (SEQ ID NO: 139)

Mouse mRNA sequence (SEQ ID NO: 140) *Group 47*
Mouse coding sequence (SEQ ID NO: 141)

Human genomic sequence (SEQ ID NO: 142)

Human mRNA sequence (SEQ ID NO: 143)

Human coding sequence (SEQ ID NO: 144)

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Group 48

Table 25 (mouse gene: Znfn1a1; human gene ZNFN1A1)

Mouse genomic sequence (SEQ ID NO: 145)

Mouse mRNA sequence (SEQ ID NO: 146)

Mouse coding sequence (SEQ ID NO: 147)

10 Human genomic sequence (SEQ ID NO: 148)

Human mRNA sequence (SEQ ID NO: 149)

Human coding sequence (SEQ ID NO: 150)

Group 49

Group 50

Table 26 (mouse gene: Tbx21; human gene TBX21)

Mouse genomic sequence (SEQ ID NO: 151)

Group 51

Mouse mRNA sequence (SEQ ID NO: 152)

Mouse coding sequence (SEQ ID NO: 153)

Human genomic sequence (SEQ ID NO: 154)

Human mRNA sequence (SEQ ID NO: 155)

Human coding sequence (SEQ ID NO: 156)

Group 52

Table 27 (mouse gene: Stat5b; human gene STAT5B)

Mouse genomic sequence (SEQ ID NO: 157)

Group 53

Mouse mRNA sequence (SEQ ID NO: 158)

Mouse coding sequence (SEQ ID NO: 159)

Human genomic sequence (SEQ ID NO: 160)

Human mRNA sequence (SEQ ID NO: 161)

Human coding sequence (SEQ ID NO: 162)

Group 54

Table 28 (mouse gene: Sema4d; human gene SEMA4D)

Mouse genomic sequence (SEQ ID NO: 163)

Group 55

Mouse mRNA sequence (SEQ ID NO: 164)

Mouse coding sequence (SEQ ID NO: 165)

Human genomic sequence (SEQ ID NO: 166)

Human mRNA sequence (SEQ ID NO: 167)

Human coding sequence (SEQ ID NO: 168)

Group 56

Table 29 (mouse gene: Mdm2; human gene MDM2)

Mouse genomic sequence (SEQ ID NO: 169)

Group 57

Mouse mRNA sequence (SEQ ID NO: 170)

Mouse coding sequence (SEQ ID NO: 171)

Human genomic sequence (SEQ ID NO: 172)

Human mRNA sequence (SEQ ID NO: 173)

Human coding sequence (SEQ ID NO: 174)

Group 58

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Table 30 (mouse gene: Prlr; human gene PRLR)

Mouse genomic sequence (SEQ ID NO: 175)

Mouse mRNA sequence (SEQ ID NO: 176)

Mouse coding sequence (SEQ ID NO: 177)

Group 59

5 Human genomic sequence (SEQ ID NO: 178)

Human mRNA sequence (SEQ ID NO: 179)

Human coding sequence (SEQ ID NO: 180)

Group 60

Table 31 (mouse gene: Top1; human gene TOP1)

Mouse genomic sequence (SEQ ID NO: 181)

10 Mouse mRNA sequence (SEQ ID NO: 182)

Mouse coding sequence (SEQ ID NO: 183)

Group 61

Human genomic sequence (SEQ ID NO: 184)

Human mRNA sequence (SEQ ID NO: 185)

Group 62

Human coding sequence (SEQ ID NO: 186)

Table 32 (mouse gene: Dusp10; human gene DUSP10)

Mouse genomic sequence (SEQ ID NO: 187)

Group 63

Mouse mRNA sequence (SEQ ID NO: 188)

Mouse coding sequence (SEQ ID NO: 189)

Human genomic sequence (SEQ ID NO: 190)

20 Human mRNA sequence (SEQ ID NO: 191)

Human coding sequence (SEQ ID NO: 192)

Group 64

Table 33 (mouse gene: Fli1; human gene FLI1)

Mouse genomic sequence (SEQ ID NO: 193)

Group 65

Mouse mRNA sequence (SEQ ID NO: 194)

Mouse coding sequence (SEQ ID NO: 195)

Human genomic sequence (SEQ ID NO: 196)

Group 66

Human mRNA sequence (SEQ ID NO: 197)

Human coding sequence (SEQ ID NO: 198)

Table 34 (mouse gene: Tk2; human gene TK2)

30 Mouse genomic sequence (SEQ ID NO: 199)

Group 67

Mouse mRNA sequence (SEQ ID NO: 200)

Mouse coding sequence (SEQ ID NO: 201)

Human genomic sequence (SEQ ID NO: 202)

Group 68

Human mRNA sequence (SEQ ID NO: 203)

Human coding sequence (SEQ ID NO: 204)

Table 35 (mouse gene: Nupr1)

Mouse genomic sequence (SEQ ID NO: 205)

Group 69

Mouse mRNA sequence (SEQ ID NO: 206)

Mouse coding sequence (SEQ ID NO: 207)

Table 36 (mouse gene: Zfhx1b; human gene ZFHX1B)

Mouse genomic sequence (SEQ ID NO: 208)

Mouse mRNA sequence (SEQ ID NO: 209)

Mouse coding sequence (SEQ ID NO: 210)

Group 70

5 Human genomic sequence (SEQ ID NO: 211)

Human mRNA sequence (SEQ ID NO: 212)

Human coding sequence (SEQ ID NO: 213)

Group 71

Table 37 (mouse gene: Vdac1; human gene VDAC1)

Mouse genomic sequence (SEQ ID NO: 214)

10 Mouse mRNA sequence (SEQ ID NO: 215)

Group 72

Mouse coding sequence (SEQ ID NO: 216)

Human genomic sequence (SEQ ID NO: 217)

Human mRNA sequence (SEQ ID NO: 218)

Human coding sequence (SEQ ID NO: 219)

Group 73

Table 38 (mouse gene: Nfatc1; human gene NFATC1)

Mouse genomic sequence (SEQ ID NO: 220)

Mouse mRNA sequence (SEQ ID NO: 221)

20 Mouse coding sequence (SEQ ID NO: 222)

Group 74

Human genomic sequence (SEQ ID NO: 223)

Human mRNA sequence (SEQ ID NO: 224)

Human coding sequence (SEQ ID NO: 225)

Group 75

Table 39 (mouse gene: Syk; human gene SYK)

Mouse genomic sequence (SEQ ID NO: 226)

Mouse mRNA sequence (SEQ ID NO: 227)

25 Mouse coding sequence (SEQ ID NO: 228)

Group 76

Human genomic sequence (SEQ ID NO: 229)

Human mRNA sequence (SEQ ID NO: 230)

Human coding sequence (SEQ ID NO: 231)

Group 77

Table 40 (mouse gene: Gnb1; human gene GNB1)

30 Mouse genomic sequence (SEQ ID NO: 232)

Mouse mRNA sequence (SEQ ID NO: 232)

Mouse coding sequence (SEQ ID NO: 234)

Group 78

Human genomic sequence (SEQ ID NO: 235)

Human mRNA sequence (SEQ ID NO: 236)

35 Human coding sequence (SEQ ID NO: 237).

Group 79